

263SEQ107GB.ST25.txt
SEQUENCE LISTING

<110> COMMISSARIAT A L'ENERGIE ATOMIQUE
TAVITIAN Bertrand
DUCONGE Frédéric
LIBRI Domenico
DE FRANCISCIS Vittorio
CERCHIA Laura

<120> APTAMERS SELECTED FROM LIVE TUMOR CELLS AND THE USE THEREOF

<130> F263/107ext

<160> 33

<170> PatentIn version 3.1

<210> 1

<211> 23

<212> RNA

<213> Artificial sequence

<220>

<223> R1

<400> 1
gggagacaag aauaaacgcu caa

23

<210> 2

<211> 24

<212> RNA

<213> Artificial sequence

<220>

<223> R2

<400> 2
aacgacagga ggcucacaac agga

24

<210> 3

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D4

<400> 3

gcgcgggaau aguauggaag gauacguaua ccgugcaauc cagggcaacg 50

<210> 4

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D12

<400> 4

gggcuucaua agcuacaccg gccaacgcag aaaugccuua agcccgaguu 50

<210> 5

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D14

<400> 5

ggccauagcg caccaccaag agcaaauccc uaagcgcgac ucgagugagc 50

<210> 6

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D20

<400> 6

gggccaaucg aagccgguaa uucccaaacu aacgugcaaa cugcaccgc 50

<210> 7

<211> 49

<212> RNA

<213> Artificial sequence

<220>

<223> R of D24

<400> 7

gcgguaugua ggaauagca cuuuuuuugc guauaccuac accgcagcg

49

<210> 8

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D30

<400> 8

aggcgagccc gaccacguca guaugcuaga caacaacgcc cgcgugguac

50

<210> 9

<211> 51

<212> RNA

<213> Artificial sequence

<220>

<223> R of D32

<400> 9

ccccgcuuuu ugacgugauc gaacgcguau caguaacguc agcagucgag c

51

<210> 10

<211> 51

<212> RNA

<213> Artificial sequence

<220>

<223> R of D33

<400> 10
caaagcgugu auucucguga gccgaccauc guugcgaaca uccccggaac g 51

<210> 11

<211> 48

<212> RNA

<213> Artificial sequence

<220>

<223> R of D42

<400> 11
gacccguaug aagguggcgc aggacacgac cgucugcaau gagcgagc 48

<210> 12

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D60

<400> 12
ccgaccgua cagcaguuag uuacacguu gaaacaaccg gcguucgagc 50

<210> 13

<211> 50

<212> RNA

<213> Artificial sequence

<220>

<223> R of D76

<400> 13
ggcuuacacg gagaaacaag agagcggccc aaacuugauu gacaguggcc 50

<210> 14

<211> 49

<212> RNA

<213> Artificial sequence

<220>

<223> R of D71

<400> 14

ggcccuuaac gcaaaaacga aggaucaucg auugaucgcc uuaugggcu

49

<210> 15

<211> 48

<212> RNA

<213> Artificial sequence

<220>

<223> R of D87

<400> 15

ccgcggucug ugggacccuu caggaugaag cggcaaccga ugcggggcc

48

<210> 16

<211> 40

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 16

taatacgact cactataggg agacaagaat aaacgctcaa

40

<210> 17

<211> 24

<212> DNA

<213> Artificial sequence

<220>

<223> PCR primer

<400> 17

tcctgttggtg agcctcctgt cggt

24

<210> 18

<211> 24

<212> RNA

<213> Artificial sequence

<220>

<223> R1 + Z1

<400> 18

gggagacaag aaauaacgcu caag

24

<210> 19

<211> 30

<212> RNA

<213> Artificial sequence

<220>

<223> R1 + Z1

<400> 19

gggagacaag aaauaacgcu caagcgguau

30

<210> 20

<211> 39

<212> RNA

<213> Artificial sequence

<220>

<223> Z2 + R2

<400> 20

caauccaggg caacgaacga caggaggcuc acaacagga

39

<210> 21

<211> 33

<212> RNA

<213> Artificial sequence

<220>

<223> Z2 + R2

<400> 21

accgcagcga acgacaggag gcucacaaca gga

33

<210> 22

<211> 97

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D4 (figure 11)

<400> 22

gggagacaag aaauaacgcu caagcgcggg aaugaugg aaggauacgu auaccgugca 60

auccagggca acgaacgaca ggaggcucac aacagga 97

<210> 23

<211> 34

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D4

<400> 23

cgcggaaua guauggaagg auacguauac cgug 34

<210> 24

<211> 24

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer

<400> 24

guaggaaua gcacguauac cuac 24

<210> 25

<211> 96

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D24 (figure 12)

<400> 25

gggagacaag aauaaacgcu caagcggauu guagggaaau gcacuuuuuu ugcguauacc 60

uacaccgcag cgaacgacag gaggcucaca acagga 96

<210> 26

<211> 7

<212> RNA

<213> Artificial sequence

<220>

<223> Z1

<400> 26

gcgguau 7

<210> 27

<211> 15

<212> RNA

<213> Artificial sequence

<220>

<223> Z2

<400> 27

caauccaggg caacg 15

<210> 28

<211> 9

<212> RNA

<213> Artificial sequence

<220>

<223> Z2

<400> 28

accgcagcg 9

<210> 29

<211> 8

<212> RNA

<213> Artificial sequence

<220>

<223> loop 1

<400> 29
uggaagga

8

<210> 30

<211> 7

<212> RNA

<213> Artificial sequence

<220>

<223> loop 2

<400> 30
uuuuuuu

7

<210> 31

<211> 97

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D30 (figure 13)

<400> 31
gggagacaag aaauaacgcu caaggcgag cccgaccacg ucaguaugcu agacaacaac 60
gcccgcgugg uacaacgaca ggaggcucac aacagga 97

<210> 32

<211> 97

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D12 (figure 14)

<400> 32
gggagacaag aaauaacgcu caaggguuc auaagcuaca ccggccaacg cagaaaugcc 60
uuaagcccga guuaacgaca ggaggcucac aacagga 97

263SEQ107GB.ST25.txt

<210> 33

<211> 96

<212> RNA

<213> Artificial sequence

<220>

<223> aptamer: family D71 (figure 15)

<400> 33

gggagacaag aauaaacgcu caaggccuu aacgcaaaaa cgaaggauca ucgauugauc 60

gccuuauaggg cuaacgacag gaggcucaca acagga 96